

Title (en)

INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING DEVICE, AND INFORMATION PROCESSING METHOD

Title (de)

INFORMATIONSVERRARBEITUNGSSYSTEM, INFORMATIONSVERRARBEITUNGSVORRICHTUNG UND  
INFORMATIONSVERRARBEITUNGSVERFAHREN

Title (fr)

SYSTÈME DE TRAITEMENT D'INFORMATIONS, DISPOSITIF DE TRAITEMENT D'INFORMATIONS ET PROCÉDÉ DE TRAITEMENT  
D'INFORMATIONS

Publication

**EP 4130712 A4 20230830 (EN)**

Application

**EP 21775473 A 20210218**

Priority

- JP 2020056230 A 20200326
- JP 2021006046 W 20210218

Abstract (en)

[origin: EP4130712A1] To reduce a data amount. An information processing system according to an embodiment includes an excitation light source (100) that irradiates a respective plurality of samples belonging to a sample group with excitation light, a measurement unit (142) that measures fluorescence generated by irradiation of the samples with the excitation light, and an information processing unit (2) that generates differential data based on a difference between similar fluorescence signals among fluorescence signals based on the fluorescence measured for the respective samples.

IPC 8 full level

**G01N 15/14** (2006.01); **G01N 21/64** (2006.01); **H03M 7/30** (2006.01); **H03M 7/36** (2006.01); **H03M 7/40** (2006.01); **G01N 15/10** (2006.01)

CPC (source: EP US)

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**G01N 2015/1006** (2013.01 - EP); **G01N 2015/1472** (2013.01 - US); **G01N 2015/1477** (2013.01 - EP); **G01N 2610/00** (2013.01 - EP);  
**H03M 7/70** (2013.01 - EP)

Citation (search report)

- [X] EP 0620428 A1 19941019 - BECTON DICKINSON CO [US]
- [A] US 8751462 B2 20140610 - HUANG MARK [US], et al
- See references of WO 2021192750A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 4130712 A1 20230208**; **EP 4130712 A4 20230830**; **EP 4130712 B1 20240612**; CN 115280133 A 20221101;  
JP WO2021192750 A1 20210930; US 2023138514 A1 20230504; WO 2021192750 A1 20210930

DOCDB simple family (application)

**EP 21775473 A 20210218**; CN 202180021071 A 20210218; JP 2021006046 W 20210218; JP 2022509412 A 20210218;  
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